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(54) Title: **METHODS AND COMPOSITIONS FOR REGULATING GUT MOTILITY AND FOOD INTAKE**

(57) Abstract: Methods and compositions for regulating gut motility and food intake are described. Such compositions and methods may be used to treat obesity or to stimulate weight gain. Preferred compounds for controlling food intake are DON (4-deoxynivalenol) and derivatives thereof. Novel DON derivatives are also disclosed.

WO 01/01968 A3

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